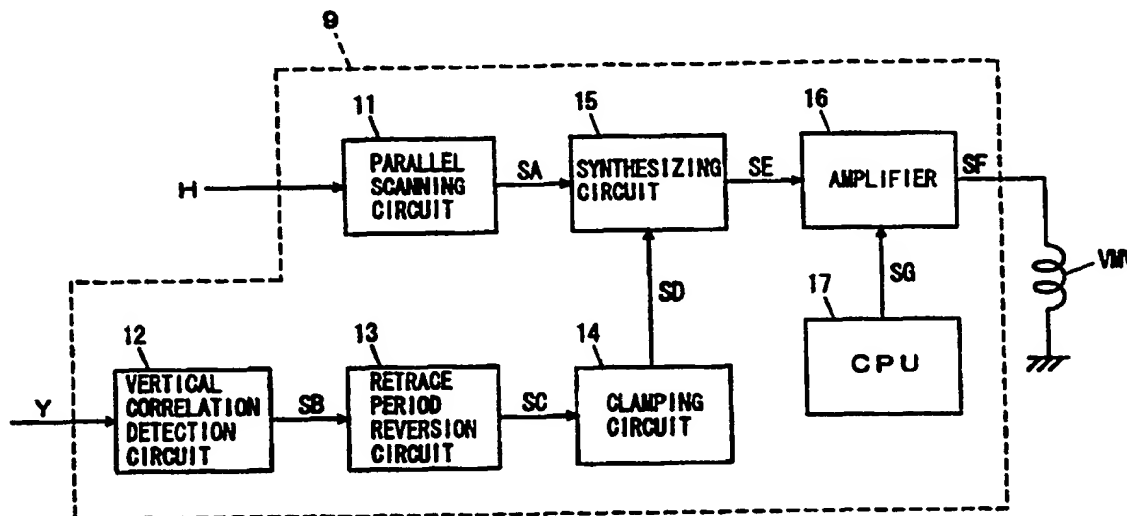




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(71) Applicant (for all designated States except US): MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).		Published With international search report.	
(72) Inventors; and			
(75) Inventors/Applicants (for US only): UWABATA, Hideyo [JP/JP]; 6-10-1-502, Magami-cho, Takatsuki-shi, Osaka 569-1121 (JP). TERAU, Katsumi [JP/JP]; 1-10-6, Arakawa, Higashiosaka-shi, Osaka 577-0843 (JP). MIYATA, Minoru [JP/JP]; 11-1-705, Shimizu, Suita-shi, Osaka 565-0805 (JP). KITAHARA, Toshiaki [JP/JP]; 8-17-608, Motomachi, Ibaraki-shi, Osaka 567-0082 (JP). OKUMURA, Naoji [JP/JP]; 2-13-55-311, Nishikoji, Minoo-shi, Osaka 562-0003 (JP). TANAKA, Kazuto [JP/JP]; 2-2-6-604, Niono Hama, Otsu-shi, Shiga 520-0801 (JP).			

(54) Title: VIDEO DISPLAY APPARATUS WITH VERTICAL SCAN VELOCITY MODULATION AND VIDEO DISPLAY METHOD THEREFOR



(57) Abstract

A parallel scanning circuit outputs a parallel scanning signal for making forward and backward scanning lines parallel. A vertical correlation detection circuit detects a portion where the change in luminance in the vertical direction exceeds a predetermined value on the basis of a luminance signal, and outputs a movement control signal representing the distance of movement on the screen of the scanning line. A retrace period reversion circuit reverses the time axis of the movement control signal in a retrace period. A clamping circuit clamps the movement control signal to a predetermined DC voltage at the timing of horizontal synchronizing signal. A synthesizing circuit synthesizes the parallel scanning signal and the movement control signal, and feeds a synthesized signal as a vertical velocity modulation signal to a vertical velocity modulation coil.